GRUMMAN
plane news

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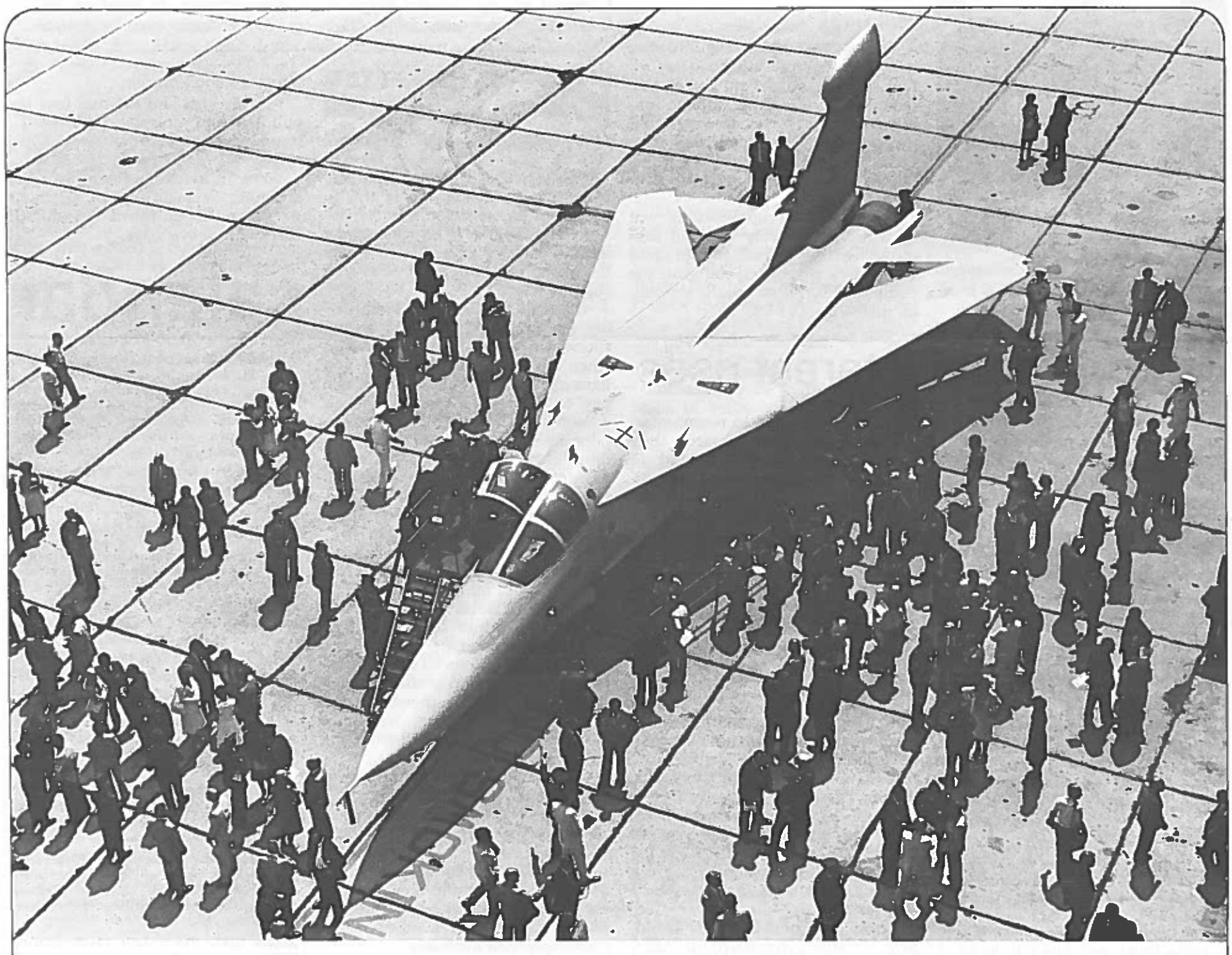


Roll-out! First EF-111A makes debut

- pg. 5

Family picnic tix now on sale

Since 1939, Grummanites and their families have made the picnic at Calverton a summertime tradition. Close to 40,000 people gathered for the event last year, and this year, the 40th Annual Grumman Family Picnic should be bigger and better than ever.

Duck! *Junior boxing applications will be available at all ESO's on July 1.*

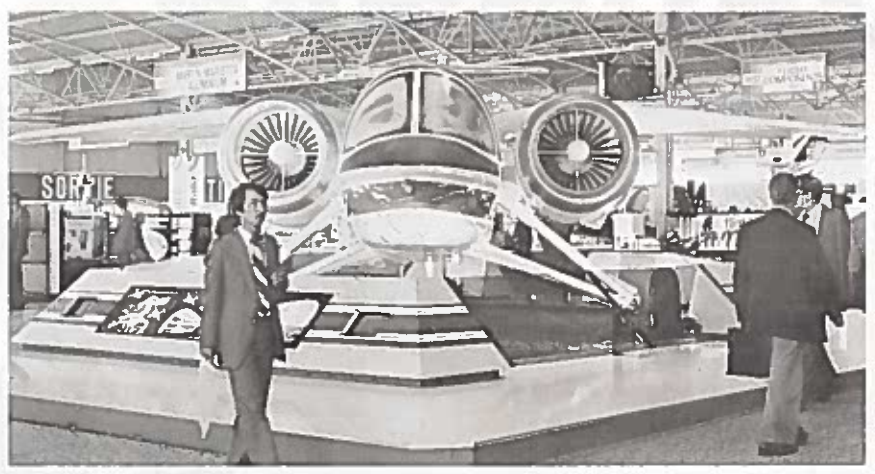
The picnic is scheduled for Saturday, July 18, and tickets are now on sale at all Employee Service offices for $4 each. Children under 12 are admitted free. Remember, tickets will not be sold at the gate.

Your ticket buys all the soda, milk, and beer you can drink, plus all the hot dogs and ice cream you can eat. It also entitles you to as many rides as you please on the merry-go-round, tilt-a-whirl, mini-railroad, caterpillar, boat-ride, and ferris wheel.

Plenty to do

Potato sack races, egg-throwing contests, and softball games are on tap. The days's activities will also include a kiddie show, kiddie boxing bouts, a prize drawing, and music by the Grumman Employees Band. All told, it should be a great day to get together with your family and friends.

Junior boxing applications will be available on July 1 at all Employee Service Offices. If your child would like to participate, send the completed forms to Charlie Fuschillo, mail stop A44-02.



Crème de la crème de l'aviation. *The full-scale wind-tunnel model of Grumman's V/STOL made its European debut at the Paris Air Show, held June 4 — 14. Grumman also displayed a G-111 amphibian and a model of the forward swept wing demonstrator. In addition, the Grumman team gave daily lectures on issues facing defense strategists.*

Savings bond interest rises

When anyone ever needed a last-minute gift for a graduating niece or a newborn neighbor, the first thought was always a U.S. Savings Bond. But people's enthusiasm for them has dampened in recent years because the long-term interest they pay has been low, compared to other investment vehicles.

To spark new interest in bonds, the Treasury Department has raised interest rates one percent for all savings bonds and notes.

The new rate, effective on May 1, also applies to outstanding savings bonds and notes. Some 23 million American households hold approximately $70 billion in bonds.

Here's what's been happening since May 1.

If you bought a Series EE Bond since that date, your money is earning nine percent interest, compounded semiannually. In addition, these bonds will mature a year earlier: in eight years instead of nine.

The interest rate on new Series HH Bonds is now eight and one-half percent. These bonds, which pay the interest in cash to their owners every six months, will still have the same 10 year maturity.

Those who bought bonds before May 1 weren't forgotten. The extra one percent interest will be added to outstanding, unmatured Series E, EE, H and HH Bonds and outstanding savings notes. According to the Treasury Department, this will happen at the first semiannual interest period that begins on or after May 1.

obituaries

DONALD L. BENILLE of Boeing Paint Shop, Pl. 77, died May 16 at the age of 28. He had been with the company since 1981 and resided at 404 Willard St., Fruitland Park, Florida 32731

RUDOLPH P. RAZZINI of Prod. Cntl-Parts Control, Pl. 30, died May 19 at the age of 45. He had been with the company since 1952 and resided at 271 7th Street, Bethpage.

WILLIAM R. HUGHES of Cust. Supply Reqts. Mgt., Pl. 40, died June 4 at the age of 59. He had been with the company since 1961 and resided at 80 5th Street, Bethpage.

VICTOR VISCONTI of ILS Tech. Illus., Pl. 15, died June 9 at the age of 65. He had been with the company since 1963 and resided at 64-02B 19 2nd St., Flushing.

WILLIAM J. SELKIRK of ILS Comp. Systems, Pl. 31, died June 9 at the age of 55. He had been with the company since 1972 and resided at 2 Woodvale Lane, Huntington.

MURRAY MOSSACK of Inventory Mgt., Pl. 44, died June 11 at the age of 67. He had been with the company since 1962 and resided at 145 Franklin St., Patchogue.

ENERGY TIPS

The U.S. Department of Energy offers the following energy tips to keep cool this summer.

- Overcooling is expensive and wastes energy. Don't use or buy more cooling equipment than you actually need.
- Install a whole-house ventilating fan in your attic or in an upstairs window to cool the house when it's cool outside, even if you have central air conditioning. It will pay to use the fan rather than air conditioning when the outside temperature is below 82° F. When windows in the house are open, the fan pulls cool air through the house and exhausts warm air through the attic.

When you use air conditioning...

- Set the thermostat at 78° F.
- Don't set your thermostat at a colder setting than normal when you turn your air conditioner on. It will not cool faster; it will cool to a lower temperature than you need and use more energy.
- Set the fan speed on high except in very humid weather. When it's humid, set the speed at low; you'll get less cooling, but more moisture will be removed from the air.
- Clean or replace air-conditioning filters at least once a month.
- Turn off window air conditioners when you leave the room for several hours.
- Don't place lamps or TV sets near your air conditioner thermostat. Heat from these appliances could cause the air conditioner to run longer than necessary.

Without air conditioning . . .

- Be sure to keep windows and outside doors closed during the hottest hours of the day.
- Use window or whole-house ventilating fans to cool the house when it's cool outside.
- Use vents and exhaust fans to pull heat and moisture from the attic, kitchen and laundry room directly to the outside.

Note: If everyone raised air-conditioning temperatures six degrees, we'd save the equivalent of 190,000 barrels of oil everyday.

calendar

Alcoholics Anonymous: every Mon., 4:30 p.m., Pl. 15, conference room C, closed meetings; Personnel Relations, Ext. 3521; Calverton: Chemical Dependency Discussion Group, every Mon., 4-5 p.m., Hdg. Bldg.; open meeting. C. Robb, Ext. 117-6426

Coin Club: (Bethpage): Wed., July 8, Pl. 25 vendor conference rooms, 12:05 p.m. Informal lunchtime meeting. K. Hale, Ext. 3717

French Club: Tues., July 14 and Tues., July 28, 123 Grohmans Lane, Plainview, 5:30 p.m. Guests welcome. L. Kaufman, Ext. 2323

GACE Flying Club: Mon., July 13, Recreation bldg., 5 p.m. Regular monthly meeting. Guests welcome. R. Reisch, Ext. 5967

Grumman Disabled American Vets Club: Fri., July 10, Sun Ming Restaurant, Huntington, Second Anniversary Dinner at 8 p.m. Guest of Honor will be Mr. Anthony Casamento, recepient of the Congressional Medal of Honor. T. Melia, Ext. 4750

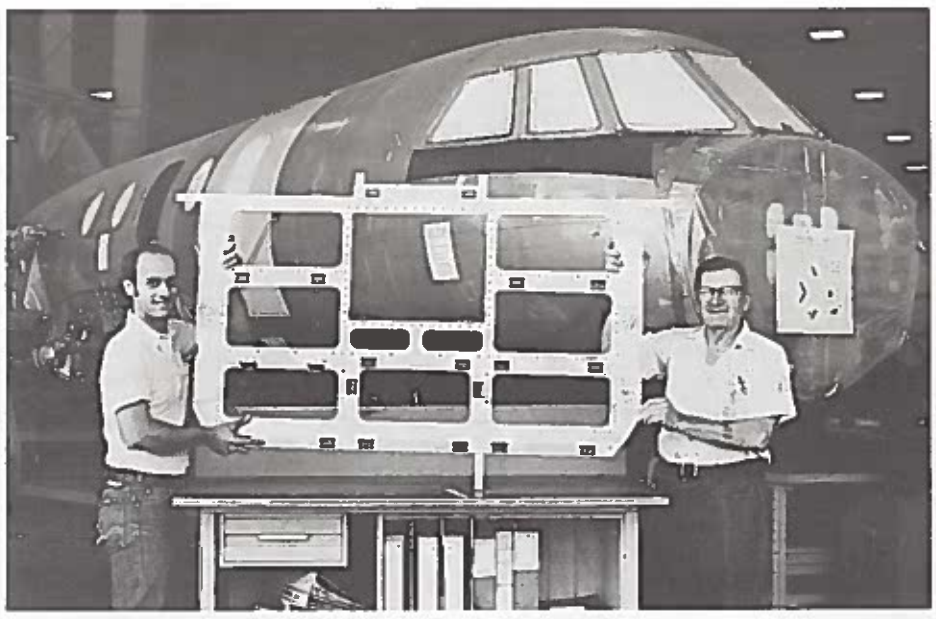
Grumman Ski Club: Wed., July 15, Tiki Lounge, Commack, 8:30 p.m. Summer program, camping, canoeing etc. Guests welcome. A. Garmendia, Ext. 7819/8910

Grumman Toastmasters Club: Wed., July 1 and Wed., July 15, Plant 111 headquarters. Buffeteria, 5 p.m. Regular meeting. Grumman employees welcome. C. Peterson, Ext. 4930

Klown Klub: Tues., July 14, Recreation bldg., 4 p.m. Beginners welcome. E. Murway, Ext. 4393

Motorcycle Club: Wed., July 15, Recreation bldg., 5 p.m. General meeting, K. Mann, Ext. 5195

Theater Guild: Tues., July 7, Recreation bldg., 5 p.m. New members welcome. F. Varga, Ext. 3152



Calverton winners. *Rudy Novissimo (L) and Ed Lawlor of Plant 6 Structures department hold up the metal plate which made them the top Project Sterling winners for the months of February and March.*

Practicality pays off. *Joe Augustine (L), Repair Control plant dispositioner, received $1,860 for his winning idea. George Burkhardt (R), Plant 2 tool designer, won $375; he plans to retire today.*

Augustine strikes it rich

Joe Augustine is a practical man. So when he spotted unnecessary cost and wasted time, he did something about it — and became Project Sterling's top winner for the month of April.

Augustine, of Repair Control in Plant 3, won $1,860 for a suggestion that will save the company $34,000 annually.

In Repair Control, all parts are routinely inspected for cracks and fractures. Many of them show penetrant indications, which means that a disclosing dye has entered a scratch or crack. When this happens, an NMR (nonconforming material report) must be written up, and the part is sent to the Repair Control Center.

Augustine realized that, in most cases, the paperwork could be eliminated. "Nearly anything can cause a penetrant indication," he explains, "including minor scratches and dirt. These imperfections can usually be cleared up by simple polishing."

He suggested that the parts be polished first. "Ninety-nine percent of them are within tolerance after polishing," says Augustine. "We save the cost of writing up an NMR, and a week's average time loss is reduced to about an hour."

Inflation fighter

Augustine has picked up a few other Project Sterling awards in his nine years at Grumman, but this one is his largest to date. What does he plan to do with the money? "Pay some bills!" he replies emphatically.

Other top winners for April included Paul Hammers of Production and Parts Control who won $670, and Joseph Cavalluzzo of Property Accounting who won $650. April was a productive month for Project Sterling: a total of 72 winners reaped $13,000 in awards and saved the company almost two million dollars.

Dynamic duo

A few months back, Rudy Novissimo and Ed Lawlor of Plant 6 Structures department were the top Project Sterling winners for February and March.

When they were installing the auxiliary fuel tank in a Falcon Guardian — the French-built jet that Grumman is modifying for the Coast Guard — they noticed that gaps between the tank and the frame caused the tank to rock back and forth. They suggested adding shims (plates) to achieve a level installation, eliminating fatigue and stress on the frames. First year savings are pegged at $10,489.

There were 92 other winners for the months of February and March. Among them was George Burkhardt, tool designer for Forming Heat Treat. Burkhardt received his fifth Project Sterling award, noting that ". . . the awards are far more generous now than in the past."

He should know. He's been with Grumman for 50 years. Burkhardt plans to retire at the end of this month.

More winners

Other award receipients for February, March and April were:

$615 — James Washington, Pl. 66.
$580 — Anthony Crammer, Pl. 30.
$550 — Norman Reid, Pl. 77.
$425 — Joseph Sargent, Pl. 4.
$415 — Bart Verga, Pl. 2.
$340 — Theodore Steffens, Pl. 2.
$310 — Rocco Amone and Robert Kalen, Pl. 6.
$295 — Fred Theobald, Pl. 5.
$265 — Dennis Savage, Pl. 2.
$260 — Fred Hammerschmidt and Dorothy Holloway, Pl. 66.
$255 — Charles Heichlinger, Pl. 77; John Haggerty, Pl. 2.
$235 — Thomas Troccoli and Charles Gerchario, Pl. 43; Joey Perkins, Pl. 66.
$230 — Paul Hammers, Pl. 1.
$215 — Anthony Bartilucci, Pl. 40.
$200 — George Stephan, Pl. 5.
$195 — Michael India, Pl. 2.
$190 — Theodore Steffens, Pl. 2.
$185 — Joseph Nobile, Pl. 30; William Honigmann, Pl. 2; James Albertson, Pl. 2; John Basso, Pl. 8; Gordon Alger, Pl. 2.
$180 — Raymond Wrobleski, Pl. 3.
$150 — Patrick DiMarzo, Pl. 3; Frank Lagoniagro, and Robert Read, Pl. 9; Donald Zaleski, and Alfred Weyhreter, Pl. 4; Bart Verga, Pl. 2; Nicholas Brando, Pl. 15.
$145 — Albert Madden, and Anthony Benevento, Pl. 3.
$140 — Larry Castles and William Harris, Pl. 44; Daniel Azzato, Pl. 6.
$135 — Ralph Cirone, Pl. 7; William Turner, Pl. 66.
$125 — Anthony Giammarino, Pl. 30; Joseph Gattulli, Pl. 3.
$115 — Daniel Azzato, Pl. 6.
$110 — John Smith and Gunther Schiel, Pl. 2; Dennis Obrien, Pl. 44; John Wilde, Pl. 4; LeJune Washington, Pl. 44.
$105 — Douglas Funk, Pl. 77.
$100 — Thomas Swensen, Pl. 43; John Hines, Pl. 25; Calvin Green, Pl. 3; Louis Polidora, and Frank Pennino, Pl. 2; Thomas Cummiskey, Pl. 30.

Company match

Tales of bears and bulls full of ups and downs? Here's something that isn't: the matching rate of the Employee Investment Plan will continue at 65 percent for the third quarter of this year.

The rate can be anywhere between 50 and 100 percent, depending on the company's performance. Grumman Corporation's board of directors reevaluates the matching rate four times a year.

Employees can invest up to 10 percent of their base pay. The company matches the first four percent of base pay, and invests this amount in the Grumman common stock fund.

If you have any questions about the investment plan, or would like to join, you can get more information by calling the Employee Investment Plan office, Extension 7250. The office is in Plant 28.

GRUMMAN plane news

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Future Grumman products will be nurtured in Bohemia, L.I.

Future commercial products that will bear the Grumman name are now being developed in the new corporate Commercial Development Center (CDC) in Bohemia.

Nestled in an industrial park just south of MacArthur Airport, the center was established earlier this year by Grumman Corporation.

"Our goal is to provide all the Grumman companies with a low-cost, closely controlled environment for the development of new commercial ideas and technologies," says Dean Cassell, director of CDC.

Nothing fancy

The CDC has a small office and conference area in the front of the building. The engineering room in the rear is flanked by a huge production floor. The only clue for visitors that this is a Grumman plant is an array of Sunstream solar collectors in the rear parking lot.

While others might find the center a bit spartan, the set-up is perfect, according to Cassell and his small staff.

"It's an informal place and an ideal location to turn ideas into products," says Cassell. "Though we are isolated from the mainstream of Grumman business, we still have access to the company's vast talent pool. Basically what we offer is a quiet spot for subsidiaries to work on their projects."

When a Grumman company gets approval to develop a new product here, its own people are assigned to the center for the duration of the project. "For instance, if an engineer is needed only for a few weeks here, he does his job and then returns to his regular assignment," Cassell says. "We try not to keep personnel from their respective subsidiaries for long periods of time."

Should a project need a specialist in machined parts, Cassell will supply the man for the job. "We've found that the Grumman retirees are an excellent source of talent. They're gifted craftsmen who are willing to come in for a few weeks to get the job done."

Size a factor

Because of CDC's size and informality, a lot of red tape can be eliminated. Paperwork and documentation are kept to a minimum. "If we need a part, we go right down the road to a small vendor. If we need nuts and bolts, we might stop by the local hardware store."

Though the center officially opened in March, three programs are already underway.

Development work on two Grumman Allied Industries' projects is nearing completion: the Windstream 33 and the Very High Temperature Solar Collector.

In addition, a new composite 33½ foot windmill rotor blade, designed by Grumman Aerospace, will be manufactured in the CDC. It will be tested at the Town of Islip's East Islip Marina.

Ready to serve

Cassell admits that some of the planned new projects will put the CDC concept to the test. "We realize that we are in the learning stages at CDC," he says. "But, at the same time, we recognize the need for a center such as ours as Grumman expands its commercial product line. We are determined to make it happen."

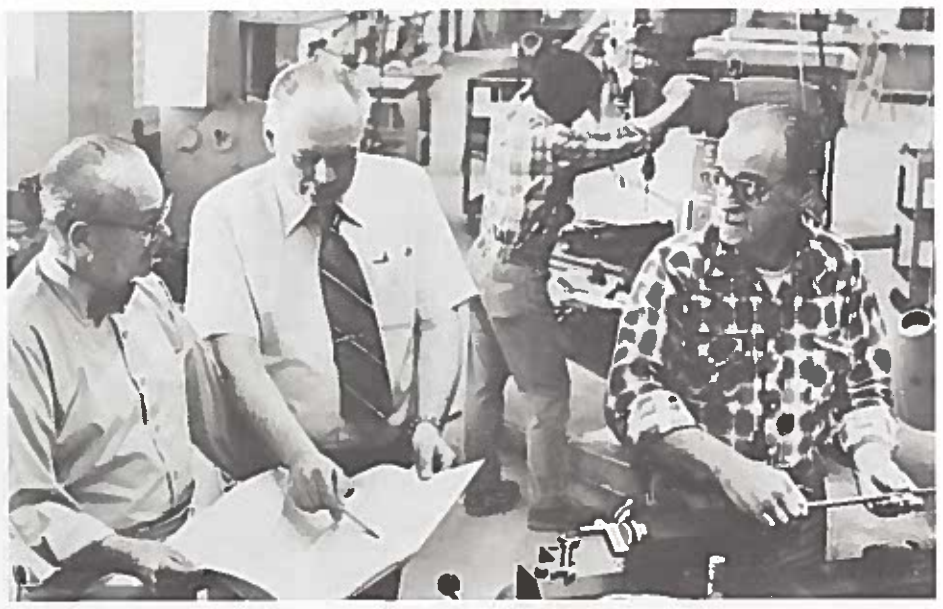
Home, sweet home

The new Commercial Development Center is located just a stone's throw south of Veteran's Memorial Highway in Bohemia, at 170 Wilbur Place.

Dean Cassell, director of the center, can be reached at (516) 567-8073.

The Commercial Development Center Advisory Board, chaired by Grumman Corporation President Joe Gavin, recommends projects to be assigned to the center.

Serving on this advisory board are: Ron Peterson, Grumman Corporation vice president-Development; Renso Caporali, Grumman Aerospace vice president-Development; Wells Darling, Grumman Allied Industries executive vice president; Bob Nafis, Grumman Data Systems president; Mike Pelehach, Grumman International president; and Ray Nightingale, Grumman Credit president.



Update. *Retiree Jim Bolger (L) and design engineer Al Giris discuss the job with John Russ (R), manufacturing leadman.*

Up front. *Dean Cassell (R), director of the Commercial Development Center, meets with Roy Wood, Aerospace manager-Vehicle Design, and Frank Adler (L), Aerospace Wind Project manager.*

On location

It's just a short drive from the new Commercial Development Center in Bohemia to the Town of East Islip Marina.

Serving as a test site for Grumman's solar collectors and Windstream 33 generators, the Cooperative Energy Project at the marina is the result of the combined efforts of the Town of East Islip, Grumman and LILCO.

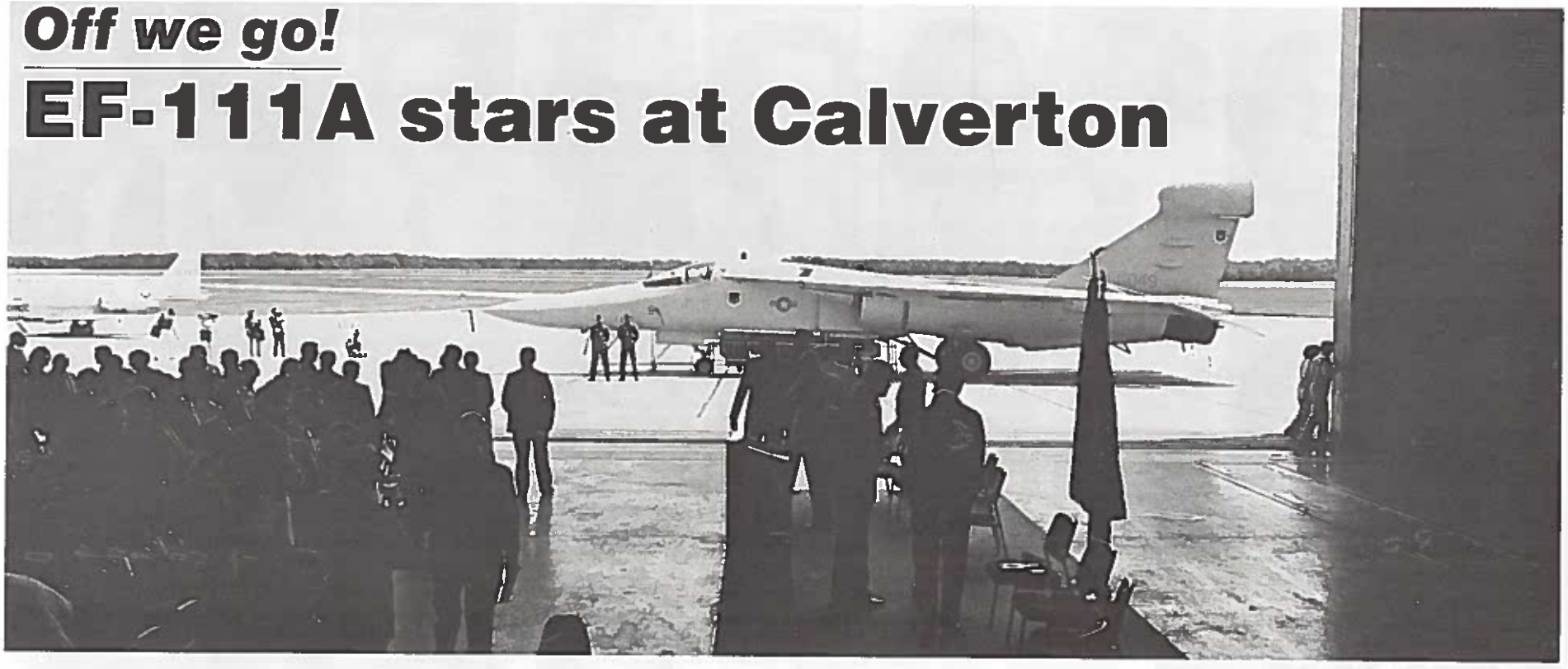
When the wind is appropriate, the Windstream 33 generator supplies electricity for the marina's bubbling system in winter and its air-conditioning in the summer. The Grumman solar heating system supplies hot water heat. LILCO supplies the electricity should a long spell of cloudy, calm days occur.

A special exhibit is open to all marina visitors who wish to find out more about energy conservation and alternative energy sources.

For information about visiting the marina exhibit or to arrange a guided tour, telephone Jane Ivett, (516) 224-5436.

Off we go!

EF-111A stars at Calverton



Calverton, N.Y. June 19, 1981. — The Plant 7 hangar doors were pushed back, and the band played "Off We Go Into The Wild Blue Yonder." More than 300 people walked outside for a better look at the first production EF-111A Tactical Jamming System aircraft, which stood sleek and intimidating in the hazy morning sunlight.

The ceremony marked the roll-out of the first of 42 EF-111As that Grumman Aerospace will produce for the Air Force.

Guest speakers were Lieutenant General Lawrence Skantze, commander, U.S. Air Force's Aeronautical Systems Division at Wright-Patterson AFB, Ohio; and U.S. Congressman Gregory Carman. They were introduced by Grumman Aerospace President George Skurla.

Skantze congratulated the men and women of Grumman for ". . . the outstanding contribution you are making to freedom, to peace, and to the defense of our country."

Cat and mouse

"The EF-111A is born of great necessity," said Skantze. "Electronic warfare involves a cat and mouse game with an enemy; an enemy that is trying to destroy you with missiles, artillery, and aircraft. Without the ability to neutralize an enemy's radar systems, we lose. We lose costly aircraft and their more valuable crews. If we are not able to strike our targets, we lose the air battle. If we lose the air battle, we lose the war. It's painfully simple."

According to Skantze, there is no known equivalent to the EF-111A, ". . . in terms of electronic warfare sophistication and sheer radiated power. The high-performance EF-111A airframe, coupled with the smartest and most powerful jamming system, makes the most versatile electronic warfare weapon system anywhere."

But the enemy threat doesn't stand still, Skantze observed, and neither will the EF-111. "Its systems will grow in capability and power," he stated. "It has the capacity for improvement and change, well into the next century."

Mark of excellence

Carman, who represents the Third Congressional District, noted that the EF-111A bears Grumman's ". . . mark of excellence, because of the company's outstanding engineering skills, and the pride and tremendous dedication of every individual who says, 'I work for Grumman; I'm part of the Grumman family.'"

The EF-111A will make an important contribution to the defense of our nation, according to Carman. "And I am with President Reagan and others in our country who believe that the best way to peace is through strength."

'Electric Fox'

Said Skurla, "Recent world events have highlighted the need for the EF-111A . . . it has never been greater. The Air Force's newest electronic warrior — or the 'Electric Fox' as some here have referred to it — is now a well-established requirement.

"This roll-out of the first production aircraft is a verification that — jointly — Grumman and the Air Force have successfully accomplished what we set out to do. The EF-111A is ready to go operational. It can do the job.

"The EF-111A is a real answer to a real need," said Skurla, "and Grumman Aerospace is proud to be on the Air Force team in fulfilling this vital tactical requirement."

The EF-111A is a modification of the twin-engine, two-place F-111A aircraft, incorporating advanced avionics including the sophisticated ALQ-99E tactical jamming system.

Its primary mission is to counter the detection, tracking, and interception of a strike force by hostile air defenses. The EF-111A can detect, sort, and identify the different radars observing the strike force, and render these threats ineffective.

Plane talk. *Lieutenant General Lawrence Skantze takes a break with George Skurla after ceremony.*

Standoff jammer

With its speed and range capabilities, the swing-wing aircraft can remain in a standoff position miles from enemy territory, and set up an electronic barrier to jam enemy radar. It can escort a strike force deep into enemy territory to provide radar jamming coverage, and support fighter-bombers in missions along the battlefield front lines.

Exterior modifications to convert the F-111A airframe to an EF-111A include a thin, 16-foot long, canoe-shaped radome on the underside of the fuselage to house the antennas for high-powered jamming transmitters, and a new tail fin topped with a pod to enclose receiving antennas and associated equipment. The aircraft's environmental cooling system has been improved, its electrical output increased, and the cockpit has been rearranged to accommodate the new roles of both crew members.

The EF-111A that was rolled out today was rolled out as the prototype in May 1977. But it is no longer the same airplane, says Grumman EF-111A deputy program director Tom Street. "A great deal has happened since then.

"The aircraft and a second prototype have undergone more than 1,000 hours of flight testing in the past four years, and 220 specific changes have been incorporated into the production EF-111A," says Street.

The first operational EF-111A will be delivered to Mountain Home Air Force Base in Idaho in November of this year.

R. Lemke

C. Combs

J. Combs Jr.

C. Heeger

J. Knespler

E. Beacom

R. Russo

T. Griffiths

T. Ruffini

W. Collins Jr.

R. Chamberlin

A. Mills

R. Marshall

S. Norton

R. Anders

C. Lane

H. Watman

B. Whitman Jr.

service milestones

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Charles A. Whitson, Vehicle Liaison Eng. (1)
Frank S. Sadowski, Tanks & Ducts (2)
Carl R. Caputo, Tanks & Ducts (2)
Charles A. Tangredi, Major Assy. (2)
Paul Luchynsky, Pl. 2 Assembly (2)
Matthew Tropiano, Prod Cntl — Parts Cntrl. (2)
Francis L. Smith, Sys. & Facil. (2)
James W. Evans, Flt. Ops. (4)
Alfred J. Toscano, Receiving Insp-Gen. (24)
Joseph Novak, Eng. Managers (40)
George P. Doris, Program Mgt. (43)
Lawrence Mead Jr., Sr. Vice President-Departmental Operations (35)

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Charles Evers Jr., Prod. Release & Anal. (1)
Bruno E. Lehtila, Small Parts Fab. (2)
Harold T. Johnson, Vehicle Liaison Eng. (9)
Robert A. Snyder, Sect. Admin. (35)

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Robert V. Johnson, Cust. Supp. Reqts. Mgt. (1)
Anthony Faga, Prod. Avionics — M/S (2)
John W. Sabisch, Parts Cntrl. (2)
Robert Cozzette, Business Mgt. (2)
Alfred Neuman, Jigs & Fixtures (2)
Paul A. Lieb, Machine Shop. (2)
Saverio Orella, Plans & Programs (2)
John C. Czugh, Tool Fab. M/S (2)
Joseph A. Kerwin, Static Test (5)
Franklin R. Noon, Mech. Struct & Proto. (5)
John M. Dukarm, Plt. 14/26 — Inst. M/S (5)
Eugene M. Reardon, Presentations Servs. (5)
Ralph B. Wittman, Stability & Cntrl/Fly Qual. (5)
Nicholas S. Sinder, Business Mgmt & Anal. (5)
Raymond E. Weick, Production M/S (6)
John S. Townson, Central Shipping Cntrl. (17)
William L. McDermott, Plt. Protection (18)
Carl O. Lofgren, Power Plant Des. (25)
Joseph A. Whelan Sr., Reqts. Plnng. (30)
Kenneth Wendell, Electro-Mech. Lines (35)

E. Ranalli

R. Hagerman

M. Baumgarten

R. Halsey

Henry J. Powers, Power Plant Des. (35)
Hans K. Hinz, Sys. Sciences (35)
John K. Benz, Des. Engineer M/S (35)
James L. Boyle, Elec. Sub Assy. (77)
Joseph F. Oliveri, Corp. Security (86)

Roy G. Kandler, Spc. Proj. Prototype-Temp. (43)
Francis Schleider, Prog. Mgt. (43)
Richard E. Halsey, Airframe Sys. (75)

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Robert H. Lemke, ILS Mech. Equip. Eng. (1)
Charles Combs, Sub-Assy Major (2)
Jesse Combs Jr., Sub-Assy Major (2)
Michael F. Kelly, Trans-Ops. (2)
Charles E. Heeger, Convent. Mach. (3)
Paul A. Hentschel, Mech. Op-Tech. Serv. (3)
John J. Knespler, Mach. Op-Tech. Serv. (3)
Edward A. Beacom, Static Test (5)
Raymond R. Russo, Prod. M/S (6)
Thomas Griffiths, Matl. Handl/Stor. (6)
Joseph Albanese, Final Assy. Insp. (6)
Anthony R. Ruffini, Flt. Avionics (8)
Robert Nurnberger, Stability & Cntrl/Fly Qual. (9)
Wallace Collins Jr., Software Supp. (14)
Ronald R. Chamberlin, ILS Tech. Writ. (15)
Alan C. Mills, Insp. Mach. Parts-Field (24)
Richard H. Marshall, Advanced Space Sys. (25)
Stephen G. Norton, Sys. Eng. Proj. Eng. (25)
Ronald W. Anders, Personnel M/S (28)
Charles E. Lane, Audit Liaison (30)
John J. Leoniak, Mech. Des. Staff (35)
Herbert Watman, Performance (35)
Barrett Whitman Jr., Structures Anal. (35)
Ernest R. Ranalli, Structures Anal. (35)
Russell H. Hagerman, Des. Eng. M/S (35)
Michael F. Baumgarten, Aerodynamic Des. (40)

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David J. Komlosy, ILS Reqt. Def. (1)
Harold P. Clark, Supp. Equip. Prod. (5)
Joan M. Groben, Ops. M/S (5)
George G. Albright, Corp. Sys. (5)
Sherwin J. Kayne, Instruct/Anal. (6)
Vito R. La Rocca, Meas. Standards (6)
Joseph T. Sobierajski, Sys. Des. (7)
Benedetto Colella, Lab Ops. Inspect. (7)
Pasquale J. Sciarratta, ILS Tech. Writ. (15)
Henry J. Huttenlocher Jr., Navig. & Cntrl. Equip Des (25)
David Sullivan, Ops Anal. (25)
Lawrence H. Bauer, Advanced Marine Sys. (25)
Seymour Mirchin, Business Mgmt & Anal. (25)
Salvatore D. Torregrossa, M/T Equip. Eng. (30)
Bruce Abel, Process Eng. (30)
Joseph H. Harrison III, East Coast Supp. Adm. (30)
Rene Valdes Jr., Supp. Cntrl. (30)
Melvyn Rimer, Stability & Cntrl/Fly Qual. (35)
Allen B. Pifko, Matl. & Struct. Mech. (35)
George F. Tomlinson Jr., Field Ops. M/S (35)
Edward C. Walch, Instruct/Anal. (39)
Richard R. Strollo, Train Proj. Mgr. (39)
Paul D. Clanton, Radar (40)
Evan G. Duane, Software Appl. (40)
James F. Ross, Antennas & Radomes (89)

(More service milestones are on page 8)

Personals

We wish to express to all our Grumman friends our deep and sincere appreciation for the kindness, generosity and sympathy shown during the recent loss of our mother and father. Carol and Gilbert Alves and Ernest Jenkins

Thanks again to all my fellow employees and retired friends for the wonderful retirement dinner held for me on June 2. Joe Bosch

My family and I sincerely appreciate the warmth, kindness and sympathy extended to us upon the recent loss of my mother, Hanna A. Seng. Your thoughtfulness and consolation were wonderful acts of compassion and charity for which we are most grateful. Gene Seng

The support and sympathy of the Maintenance department, Plant 5, in the recent death of my husband, George Clarkson, was much appreciated by all the family. Phyllis Clarkson

Siebert's Garden Party called smashing success

Ed Siebert had a Garden Party in Plant 30, which gave him plenty of reason to celebrate.

His Garden Party, a cream-colored rose, took first place in its class and was chosen the Best of Show in the Grumman Garden Forum's 1981 Summer Show on June 16.

"That was a tough job." said one of the three judges after they had chosen all the prize winners from among over 120 entries. According to Peg Hilbert, one of the directors of the Garden Forum, the hot, dry weather kept the number of entries low this year.

Siebert, the director of Corporate Productivity, said "Fantastic!" when he was told he had taken the

Homegrown winner. *Ed Siebert (R) shows his Best of Show winner to Dick Higgins, the deputy director of Personnel Administration. Successful gardening, Siebert says, depends on a well-prepared garden.*

show's top honor. He took five ribbons in all, two firsts, a third, an honorable mention and the top prize.

He says he has several reasons for growing roses. "First is the pleasure my wife gets when I bring in a bouquet of roses from the garden. The second," says Siebert, who has about 80 plants around his home, "is giving them out at work."

There is a third reason. "One of the prettiest sights of all is in the early morning when I open my bedroom window and look down on the rose garden."

A budding interest?

The three judges, Daphne Mair, Ann Reilly and Lucy Zegres, were asked to give some tips on successfully growing roses. "Feed them, water them and spray them," says Zegres, "and on a regular basis. That's the secret."

Reilly, an author on the subject of roses, names Red Lion, Electron and Sun Spray as good varieties for beginners. "They are also all very winter-hardy."

Here are the names of the ribbon winners in each class, in order of their placement:

One bloom per stem, Class one — reds: Gus Preiser, Tom Cassino and Amy Blackwell; Class two — pinks: Mike Gabriel, Charles Chlanda, Amy Blackwell and Lillian Fink (HM); Class 3 — yellows and yellow blends: Paul Andrisani; Class four — pink or red blends: Ed Siebert, Mike Gabriel, and Gus Preiser; Class five — white, mauve or other color: Ed Siebert and Harry Zvonik; Class six — novice: Amy Blackwell (first and special award); Class seven — miniatures: Ray Muntz (first and special award), Barbara Spanskie, Judy Cote and John Dowd (HM).

Sprays, Class eight — pink, red or their blends: Helen Chlanda, Gus Preiser, Ray Muntz, and Ed Siebert (HM); Class nine — white, yellow or yellow blends: Lillian Fink, Gus Preiser and Lillian Nigro; Class 10 — orange, red or other colors: Gus Preiser, Anne Antonucci and Lillian Fink.

Collection of roses, Class 11: Lillian Fink, Charles Chlanda and Ed Siebert.

Seasonal material Class 12 — single specimen: Ray Muntz, Karl Hagen, Seymour Winkler (third and HM), Amy Blackwell (HM), John Gatti (HM) and Dot Kappenberg (HM); Class 13 — collections: Peg Hilbert, Dot Kappenberg (second and special award), Eva Rees and John Gatti (HM).

Arrangements, Class 14 — roses or seasonal: Catherine Struble (first and special award), Karl Hagen, Dot Kappenberg and Eva Rees.

scorecard

The best greenie

The equivalent of a golfer hitting a hole-in-one is a prospector panning gold nuggets the size of golf balls. In both cases, you've got a pretty happy person.

"It's quite a thrill, quite a thrill," Vic DiMattia says about his first ace. He did it with an eight iron on the 141-yard eighth hole at Commack Hills Country Club. "It was the best shot in the bag," says the 12-handicap golfer. "I hit it straight onto the green, it took two bounces and went right in the hole. I couldn't have cared less if I broke 120 after that."

Jim Stanley felt the same way after his first hole-in-one. "I couldn't do anything right for the rest of the day." He got his on the 105-yard fourth hole at Dix Hills. "It was a very lucky shot," he explains.

"The guys were telling me 'Don't use a nine iron. Use a five and punch it down the middle.'" After all, the first two guys in his foursome had used nine irons and hit the ball over a fence behind the green. But Jim pulled the nine iron out of his bag anyway. "Needless to say, I topped it. It went straight down the center, hopped a couple of times and went right in the cup!"

Along with the thrill of victory, Jim won three new golf balls from his partners.

Bound for Va.

Recreation has not one, but two trips to colonial Williamsburg, Virginia. All you have to do is choose the weekend that's right for you and make your reservations with the Recreation Department.

The trips are scheduled for the weekends of September 17-20 and 24-27.

Included in the price of $195, double occupancy ($245, single; $185, triple) is round-trip motor coach transportation, three nights accommodations, one evening meal, admission to the Jamestown festival and two days admissions to Colonial Williamsburg. For an additional $12 per person, you can visit Busch Gardens.

If you'd like more information, call Ellen Drasser, Extension 2133.

Booters win indoor title

Possibly the best thing that happened to Grumman's varsity indoor soccer team was that they lost the the first game of the season.

What they learned from that loss to Lufthansa helped them finish their first season in the Long Island Industrial Indoor Soccer League in first place with a 15 win, one loss, one tie record. And, beyond that, it helped them beat the same Lufthansa team for the league championship on May 16. Grumman won that game by a 5-1 score.

Speaking about the team's first game of their first season in the indoor league, coach Leon Akl says, "We weren't really well coordinated yet. The guys had played together before, but they weren't quite ready yet."

Bill McGoin, a former New York Tech player who scored one of the five goals in the championship game, says they were unsure of what to expect. "We didn't know what the other teams were going to be like. Lufthansa was excellent. They had a lot of very skilled German players." But the Grummanites learned that they could beat Lufthansa. "We realized we had to run the whole game to beat them," says Joe Kanzler.

Kanzler, who scored two goals in the final, says, "They had more skill, but we just out-hustled them."

Before the final game of the playoffs began, Akl says that the team's spirit was at its peak. "I told them, 'This game belongs to you. Go out and win the championship.'

"They played like brothers."

A step ahead. *Grumman's varsity soccer team put their best foot forward and tripped up the rest of the Long Island Industrial Indoor Soccer League to win the 1981 championship. The champs (along with two of the League's referee) are: (standing, L to R) Joe Serna, Rich Breunig, Don Ramme, coach Leon Akl, Otto Stanattis, John Castle, Keith Kelly, Bob Jankowski and Larry Serasi. (Kneeling): Ray Kirschenheiter, Bill McGloin, Tony Kuefner, Joe Kanzler, Charlie Russell and Geof Sutfin.*

milestones

(Continued from page 6)

15

James Banks Jr., Sub-Assy. Major (1)
Edward J. Javurek, Final Assy. (1)
Roosevelt J. Graham, Elect. Fab. (1)
Frank J. Cunningham, Assy. Method & Plnng. (1)
George W. Cumberland, ILS (1)
Michael A. Giovannello, ILS (1)
Andrew Williams, Heat Treat (2)
William O'Sullivan, Business Mgmt (2)
Sophie McDonald, Prod. Release & Anal. (2)
Frank S. Kelly, Prod. Release & Anal. (2)
Francis E. Burns, Assy. Method & Plnng. (2)
William P. Thaler, Assy. Method & Plnng. (2)
Joseph C. Yuchniewicz, Stockrooms (2)
George Wengrofsky, Producibility Eng. (2)
Leonard Enlund Jr., Form Block (2)
Stephen G. Petrovits, Mfg. Factory Plnng. (2)
Ernest Forte, Tool Maint & Repair (2)
Robert W. Hambrecht, Optical Tooling (2)
Pierre Barraco, Optical Tooling (2)
Zanuck Kosch, Convent. Machs. (3)
Frank G. Fiorentino, Convent. Machs. (3)
Joseph Persie, Convent. Machs. (3)
Frank W. Thiery Jr., Convent. Machs. (3)
John F. Pope Jr., Convent. Machs. (3)
William Barrett, Convent. Machs. (3)
Harold H. Hausle, Alodine (3)
Nick A. Frangkos, Assemblies (3)
Wayne J. Dillworth, Business Mgt. (3)
Salvatore Simonetti, Stockrooms (3)
Abraham T. Wilson, Maint-Rearrangement (3)
Alphonse Liguori, Final Assy. Struct. (4)
Thomas A. Lovatt, Final Assy. Struct. (4)
Albert F. Peters, Static Test (5)
Joseph G. Coco, Mech. Struct. & Proto (5)
William P. Braun, Supp. Equip. Prod. (5)
Frank J. Pyzanowski, Plt. 14/26 Inst. m/s (5)
Elsie M. Barone, Medical (5)
James F. Bryant Jr., Food Service (5)
Beverly M. Cohen, Financial Ops. (5)
Richard J. Petrusa, Business Dev. m/s (5)
Constantine Spanopoulos, Mgt. & Staff (5)
Richard W. Sawey, Estimating Resources (5)
Anthony Antonucci, Estimating Resources (5)
Friedhelm F. Neumann, Insp.-Mech. (5)
Joan M. Sharp, Corp. Sys. (5)
Edward G. Wanalista Jr., Gov't Matl. Cntrl. (6)
Paul T. King, Structures (6)
Robert H. Henken, Support (6)
Marie Gulino, Elect. Bench Assy. (6)
Harold E. Philcox, Prod. Release & Anal. (6)
Frank E. Howard, Matl. Handl./Stor. (6)
John B. North, Machine Shop (6)
Robert A. Rusnak, Assy. Toolg. & Handl. Equip. (6)
John C. Bergquist Jr., Elect. & Mech. ILS Supp. (6)
George F. Sosik, Meas. Standards (6)
Edward Escobar, Final Assy. Insp. (6)
Patrick A. Canecchia, Flt. Dev. Ops. (7)
William J. Masterson, Elect. Test (8)
Richard A. Boris, Prog. Quality Mgt. (9)
Rudolph V. Hanak, Maint.-Rearrangement (12)
John T. Cullen Jr., Maint.-Rearrangement (12)
Alfred Soltan, Maint.-Rearrangement (12)
Steven C. Kern, Maint.-Rearrangement (12)
Arthur J. Trost Jr., Metallurgical Eng. (12)
Lewis D. Costa, Meas. Stds. (12)
Joseph G. Chew, Meas. Stds. (12)
Karen D. Brown, Meas. Stds. (12)
Edward J. Backiel, Elect. Test (14)
Eugene T. Pisciotta, ILS Tech. Writ. (15)
Thomas J. Martino, ILS Tech. Illus. (15)
Nicholas F. Aprigliano, Traffic (17)
Raymond G. Bigus, ILS Supp. Ops. Proj. Mgt. (17)
Steve A. Napoli, Trans-Equip. Maint. (20)
Joseph Carlino, B/P Warehouses (21)
Anthony M. Conte, Govt. Matl. Cntrl. (21)
Edward J. Anderson, P.A. TV/Audio Visual (25)
Frank H. Sharapata, Prog. Plnng. Cntrl & Budg. (25)
Peter D'Andrea, Corp. Sys. (25)
Robert P. Jessup, Medical (28)
Eileen M. Lane, Personnel Relations (28)
Leo J. Kelly, Personnel Relations (28)
Edward Riley, Opportunity Dev. Staff (28)
Jeanne L. Toscano, Sub. Secretarial Prog. (28)
Minnie B. Linado, Repair Cntrl. (30)
Walter J. Bruns Jr., Repair Cntrl. (30)
Yvonne D. Smith, Invoice Audit (30)
George R. Hassel Jr., Est. Resources (30)
Edward J. McCormick, ILS Comp. Sys. (31)
John Burden, Info. Rec. & Serv. (35)
Joseph C. Pellegrino, Fluid Pwr/Pyrotechics (35)
Richard Friedman, Fatigue & Fracture (35)
John R. Kappler, Safety & Maint. (35)
Richard C. Braham, Section Admin. (35)
Martha L. Nathan, Prog. Contracts (35)
Donnie F. Haith, Router & Shear (37)
Alfred F. Falk, Instruct/Anal. (39)
Dennis C. Giovannelli, ILS Elect. Pack. (40)
John R. McAleer, ILS Reqt. Def. (40)
Angelina L. Ketchum, Food Service (40)
Alfred R. Boccafola, Struct. Anal. (40)
Shirley A. Frizzell, Secretarial Serv. (40)
Anthony C. Sequino, Prog. Plnng. Cntrl & Budg. (40)
Thomas H. Zehner, Prog. Manage A-6 (40)
Ruthanne Graham, Spc. Prototype-Temp. (43)
Spencer L. Meade, Avionics Sys. Test (43)
Alfred Horeis, Methods Eng. A/C (43)
Robert Gallo, Methods Eng-GSE (43)
Gary D. Fricke, Elect. Box & Pan Fab. (44)
Salvatore Ferrante, ILS Sys. Des. Eng. (45)
Robert R. Gagnon, Finance (66)
Noel R. Callahan, Air Frame Sys. (67)
Le Roy E. Van Housen, Log. Serv. (75)
George A. Westerfield, Air Frame Sys. (75)
Carmine Corridore, Power Plant (77)
Ralph E. Peirce, Avionics (77)
Louis Marrero, A/C Sys. Serv. (80)
George A. Johnson, A/C Sys. Serv. (81)
Richard A. Sommers, A/C Sys. Serv. (95)

Looking for programs

A large number of Grummanites use computers and desktop programmable calculators to solve various problems at work. Usually the programs end up in a desk drawer or a file cabinet. No one but the authors is aware of their existence.

In order for Grummanites to exchange programs and programming techniques, Engineering Computer Systems is compiling a catalog. The published catalog will list available programs at Grumman, the program author's name, a brief description of the program and the machine for which it was written.

All programs should be written in the Basic language for one of the following machines: Hewlett Packard Models 85, 9830, and 9845; Tektronix Models 4051, 4054; Apple II; and TRS 80.

If you have such programs, call Anne Pond, Ext. 5464, B17-35, for submittal forms.

Set date for kickers' tourney

No matter who won the LPGA or the Westchester Open, you know there's no one meaner from tee to green than you, right?

On Wednesday, August 12, you'll have your chance to prove it in the 1981 edition of the annual Grumman Golf Championship and Kickers' tournament. Grumman employees and retirees are eligible to compete.

The tournament will be an all-day event with cocktail hour, buffet dinner and awards ceremony following the 18 holes of golf on the Pine Hills Country Club course in Manorville, Long Island.

There will be 14 first and second place prizes for those who tally low gross and low net in ladies', men's, and senior men's divisions, and for low Callaway scores (for golfers without handicaps) in ladies' and men's divisions. You don't have to be a scratch golfer to win a trophy.

In addition, there will be prizes for the closest to the pin and the longest drive for both men and women, and kickers' prizes, too.

Golf carts ($13.90 for two people) and lockers ($1) will be available.

The entry fee is $25 per person, which includes 18 holes of golf and the cocktail hour and buffet dinner. The fee must be paid at the sign-up meeting, which is on July 20 at 5:15 p.m. in Plant 28A. If you have a foursome, only one person needs to attend the meeting to register the four golfers.

GRUMMAN plane news

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